tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane. a tris(hydroxymethyl)aminomethane salt, imidazole or collidine.

REMARKS

This Preliminary Amendment corrects a typographical error by substituting the term "collidine" for "colicin" in certain claims. Entry of the Preliminary Amendment is respectfully requested.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "**VERSION WITH MARKINGS TO SHOW CHANGES MADE**".

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

20. (Amended) The glucose sensor in accordance with claim 5, wherein said reaction layer further contains maleic acid, a maleate, succinic acid, a succinate, triethanol amine, a triethanol amine salt, citric acid, a citrate, dimethyl glutaric acid, 2-(N-morpholino) ethane sulfonic acid, a 2-(N-morpholino) ethane sulfonate, tris (hydroxymethyl) glycine, a tris (hydroxymethyl) glycine salt, tris (hydroxymethyl) aminomethane, a tris (hydroxymethyl) aminomethane salt, imidazole or [colicin] collidine.

21. (Twice Amended) A method for stabilizing glucose dehydrogenase for use in glucose sensors, wherein at least one additive is added to glucose dehydrogenase whose coenzyme is pyrrolo-quinoline quinone, said additive being selected from the group consisting of phthalic acid, a phthalate, maleic acid, a maleate, triethanol amine, a triethanol amine salt, dimethyl glutaric acid, 2-(N-morpholino)ethane sulfonic acid, a 2-(N-morpholino)ethane sulfonate, tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane, a tris(hydroxymethyl)aminomethane salt, imidazole or [colicin] collidine.

37. (Amended) The method for stabilizing glucose dehydrogenase for use in glucose sensors in accordance with any of claim 22 to 36, wherein said reaction layer further contains maleic acid, a maleate, succinic acid, a succinate, triethanol amine, a triethanol amine salt, citric acid, a citrate, dimethyl glutaric acid, 2-(N-morpholino)ethane sulfonic acid, a 2-(N-morpholino)ethane sulfonate, tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane, a tris(hydroxymethyl)aminomethane salt, imidazole or [colicin] collidine.

38. (Twice Amended) A glucose dehydrogenase composition for use in glucose sensors, said composition containing glucose dehydrogenase whose coenzyme is pyrrolo-quinoline quinone, and at lease one additive selected from the group consisting of

phthalic acid, a phthalate, maleic, acid, a maleate, triethanol amine, a triethanol amine salt, dimethyl glutaric acid, (N-morpholino)ethane sulfonic acid, a 2-(N-morpholino)ethane sulfonate tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane, a tris(hydroxymethyl)aminomethane salt, imidazole or [colicin] collidine.

54. (Amended) The glucose dehydrogenase composition for use in glucose sensors in accordance with any of claims 39 to 53, wherein said reaction layer further contains maleic acid, a maleate, succinic acid, a succinate, triethanol amine, a triethanol amine salt, citric acid, a citrate, dimethyl glutaric acid, 2-(N-morpholino)ethane sulfonic acid, a 2-(N-morpholino)ethane sulfonate, tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane, a tris(hydroxymethyl)aminomethane salt, imidazole or [colicin] collidine.

55. (Amended) A glucose sensor comprising an electrically insulating base plate, an electrode system including at least a working electrode and a counter electrode formed on said base plate, and a reaction layer which is formed in contact with or in the vicinity of said electrode system wherein said reaction layer contains: at least one stabilizer selected from the group consisting of a metal salt, an organic acid, a protein, and a sugar and a derivative thereof; a glucose dehydrogenase whose coenzyme is pyrrolo-quinoline quinone; and a buffer selected from the group consisting of maleic acid, a maleate, triethanol amine, a triethanol amine salt, citric acid, a citrate, dimethyl glutaric acid, 2-(N-morpholino)ethane sulfonic acid, a 2-(N-morpholino)ethane sulfonate, tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane, a tris(hydroxymethyl)aminomethane salt, imidazole or [colicin] collidine.

64. (Twice Amended) A method for stabilizing glucose dehydrogenase for use in glucose sensors, wherein a stabilizer and a buffer are added to glucose dehydrogenase whose coenzyme is pyrrolo-quinoline quinone,

said stabilizer being selected from the group consisting of a metal salt, an organic acid, a protein, and a sugar and a derivative thereof, and said buffer being selected from the group consisting of maleic acid, a maleate, triethanol amine, a triethanol amine salt, dimethyl glutaric acid, 2-(N-morpholino)ethane sulfonic acid, a 2-(N-morpholino)ethane sulfonate, tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane, a tris(hydroxymethyl)aminomethane salt, imidazole or [colicin] collidine.

73. (Twice Amended) A glucose dehydrogenase composition for use in glucose sensors, said composition containing: at least one stabilizer selected from the group consisting of a metal salt, an organic acid, a protein, and a sugar and a derivative thereof; a glucose dehydrogenase whose coenzyme is pyrrolo-quinoline quinone; and a buffer selected from the group consisting of maleic acid, a maleate, triethanol amine, a triethanol amine salt, dimethyl glutaric acid, 2-(N-morpholino)ethane sulfonic acid, a 2-(N-morpholino)ethane sulfonate, tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane. a tris(hydroxymethyl)aminomethane salt, imidazole or [colicin] collidine.